

CONTENT-BASED BILLING SERVICE FOR WIRELESS PREPAID SUBSCRIBERS

Abstract

A method of allowing content-based billing to a prepaid subscriber or subscribers is disclosed. According to one embodiment of the invention, the content-based billing is achieved by forwarding volume limit threshold data normally used by the Serving GPRS support node to the Gateway GPRS support node, which according to the prior art, counted all data bits at the same rate. According to this embodiment, by forwarding the volume limit threshold data to the GGSN, a modified data count is accumulated since billable data is monitored and accumulates, whereas free data does not accumulate. This modified data count is then provided from the gateway GPRS support node to the Serving GPRS support node, which then transmits the accumulated data count to the SCP.

PCT/US2007/032007